

CLAIMS

1. A powder coating composition, comprising:

5 powder coating particle including thermosetting resin powder, an adhesive

binder, and a flake pigment bound to a surface of said thermosetting resin powder by
means of said binder; wherein

10 said powder coating particle has an average particle size of at most 100 μm based
on D50 conversion, and

15 a bonding ratio between said thermosetting resin powder and said flake pigment
is in a range from 90% to 100%.

2. The powder coating composition according to claim 1, wherein

15 said flake pigment is an aluminum flake pigment including aluminum flake
particle and a resin composition coat coating a surface of said aluminum flake particle.

20 3. The powder coating composition according to claim 2, wherein

15 said resin composition coat is a resin composition coat containing a three-
dimensionally cross-linked polymer resin obtained by polymerizing a raw material
composition including at least two types of oligomer and/or monomer having at least
one polymeric double bond in a molecule.

25 4. The powder coating composition according to claim 3, wherein

15 said aluminum flake pigment contains 2g to 50g of said resin composition coat
with respect to 100g of said aluminum flake particle.

20 5. The powder coating composition according to claim 1, wherein

15 said adhesive binder is of at least one type selected from a group consisting of a
terpene-type resin, a terpene/phenol-type resin, a terpene-type hydrogenated resin, and a

terpene/phenol-type hydrogenated resin.

6. The powder coating composition according to claim 1, wherein
said adhesive binder is an oligomer that can be dissolved in a solvent that does
5 not dissolve said thermosetting resin powder, has a number-average molecular weight in
a range from 300 to 2000, and has a softening point in a range from 30 to 180°C, and
said solvent that does not dissolve said thermosetting resin powder has a boiling
point in a range from 28 to 130°C under an atmospheric pressure.